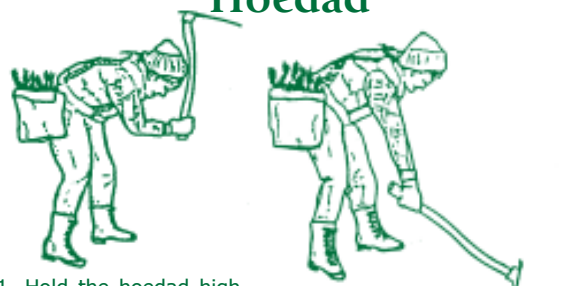
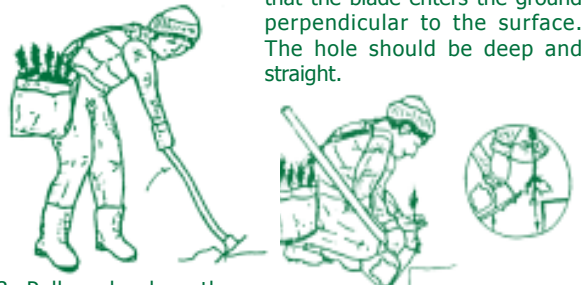


Hand Planting Using A Hoedad



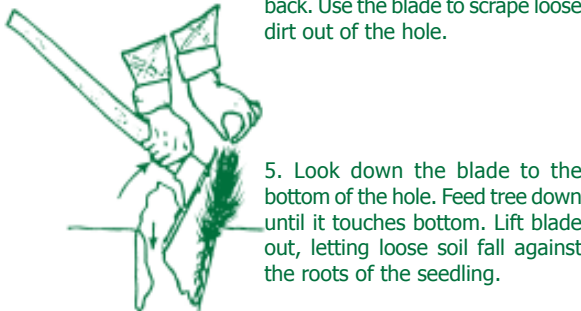
1. Hold the hoedad high above your head.

2. Hit the ground hard. Make sure that the blade enters the ground perpendicular to the surface. The hole should be deep and straight.



3. Pull up hard on the handle to loosen the soil.

4. Slide your hand down the handle to the bracket. Pull blade up and back. Use the blade to scrape loose dirt out of the hole.



5. Look down the blade to the bottom of the hole. Feed tree down until it touches bottom. Lift blade out, letting loose soil fall against the roots of the seedling.



6. Backfill the tree, insert blade at an angle into the ground 2 inches from the tree and lever the loose soil up against the roots, packing it firm against the roots.

7. Fill the last hole by tamping with the heel.



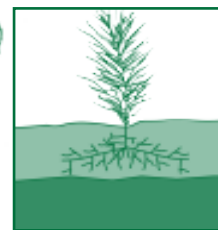
MACHINE PLANTING

Tractor-drawn mechanical tree planters can plant up to 1,000 seedlings per hour in open areas. Covered planters are used to plant rough areas. Here are some helpful tips:

- ◆ When machine planting, regulate spacing by clocking the interval between each seedling drop. When desired spacing is achieved, the fixed time can be used throughout the operation for uniformity.
- ◆ The planter furrow must be deep enough to provide for full length of the roots when straight. Adjust for correctness.
- ◆ Remove only enough seedlings for immediate use; close bag to protect the remaining seedlings.
- ◆ Keep seedling roots covered in planter tray with moist moss or puddling mud.
- ◆ Insert seedling well forward in furrow.
- ◆ Hold seedlings straight up until soil is closed around root.



Wheels pack soil around seedling. Hold seedling straight up until soil closes around root.



Trencher set too shallow.



Seedling was held too long and dragged in the trench. Root development will be poor and seedling may die.



Seedling planted at the correct depth.

FOLLOWUP CARE

Keep brush, grass and other vegetation under control by mowing, mulching, spraying or a combination of these treatments. Monitor the appearance of your trees to detect signs of insects or diseases. Where feasible, give your trees a thorough watering every 7 - 10 days allowing to dry before the next watering. Protect your trees from animal damage.

CONTACT INFORMATION

Abingdon Region Office:

Phone: (276) 676-5488 ; FAX: (276) 676-5581

Salem Region Office:

Phone: (540) 387-5461 ; FAX: (540) 387-5445

Farmville Region Office:

Phone: (434) 392-4159 ; FAX: (434) 392-1550

Charlottesville Region Office:

Phone: (434) 977-5193 ; FAX: (434) 296-3290

Tappahannock Region Office:

Phone: (804) 443-2211 ; FAX: (804) 443-3164

Waverly Region Office:

Phone: (804) 834-2300 ; FAX: (804) 834-3232

Augusta Forestry Center: (Crimora, VA)

Phone: (540) 363-5732 ; FAX: (540) 363-5055

Garland Gray Forestry Center: (Courtland, VA)

Phone: (804) 834-2855 ; FAX: (804) 834-3141



Virginia Department of Forestry

Central Office
900 Natural Resources Drive, Suite 800
Charlottesville, Virginia 22903
www.dof.virginia.gov
Phone: (434) 977-6555
Fax: (434) 296-2369

VDOF P00117; 12/2006

This institution is an equal opportunity provider.

SEEDLING PLANTING INSTRUCTIONS

*Start your seedlings off
right with proper planting
techniques*



Virginia Department of Forestry
www.dof.virginia.gov